

COVID-19 in Youth and Young Adults in Maine

March 12, 2020 - March 14, 2022

Total Number of Confirmed and Probable COVID-19 Cases Among Youth and Young Adults Age < 25:

80,950

Total Number of Confirmed and Probable COVID-19 Cases Among Mainers of All Age Groups:

232,736

Total Number of Cases by Age Group

0-4	9,851
5-9	15,546
10-14	16,732
15-19	18,717
20-24	20,104
25+	151,786

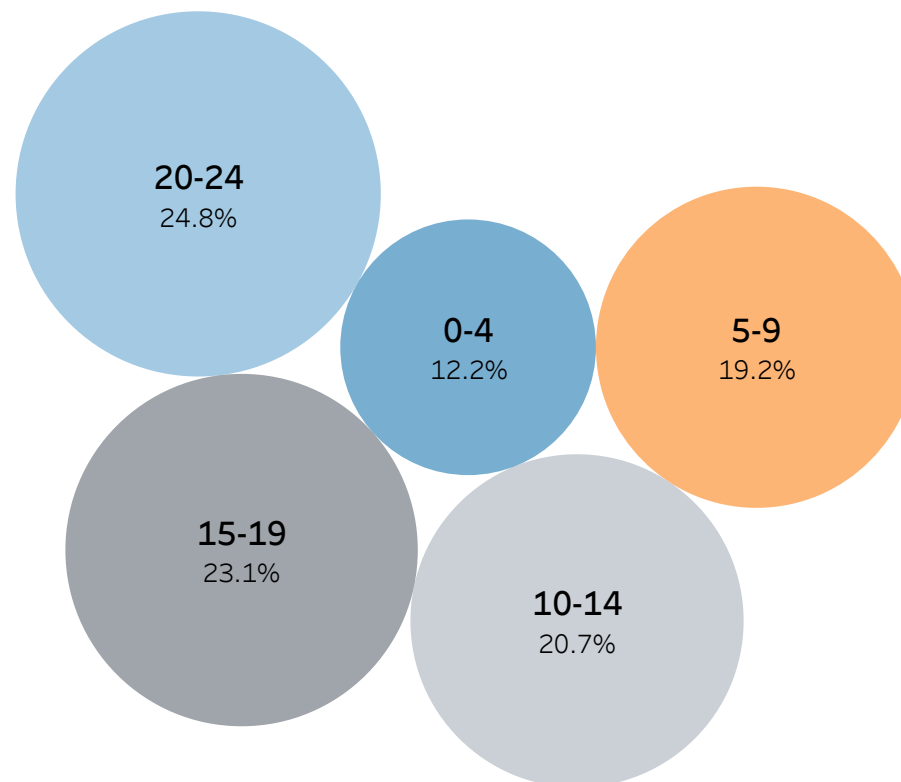
Percent of Total Cases
Age < 25:

34.8%

Percent of Total Cases
Age ≤ 18:

24.4%

Percent of Total Confirmed and Probable Youth Cases by Age Group



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)**

**Data includes positive test results from labs which are supplemented by information collected by case investigators. These are preliminary data that are subject to change.

Caption

Age group and % of Total Count of COVID-19 cases. Color shows details about age group. Size shows % of Total Count of COVID-19 cases. The marks are labeled by age group and % of Total Count of COVID-19 cases. The view is filtered on age group, which excludes 25+.

Hospitalizations in Youth COVID-19 Cases*

March 12, 2020 - March 14, 2022

Cumulative Number of Hospitalizations Under Age 25:

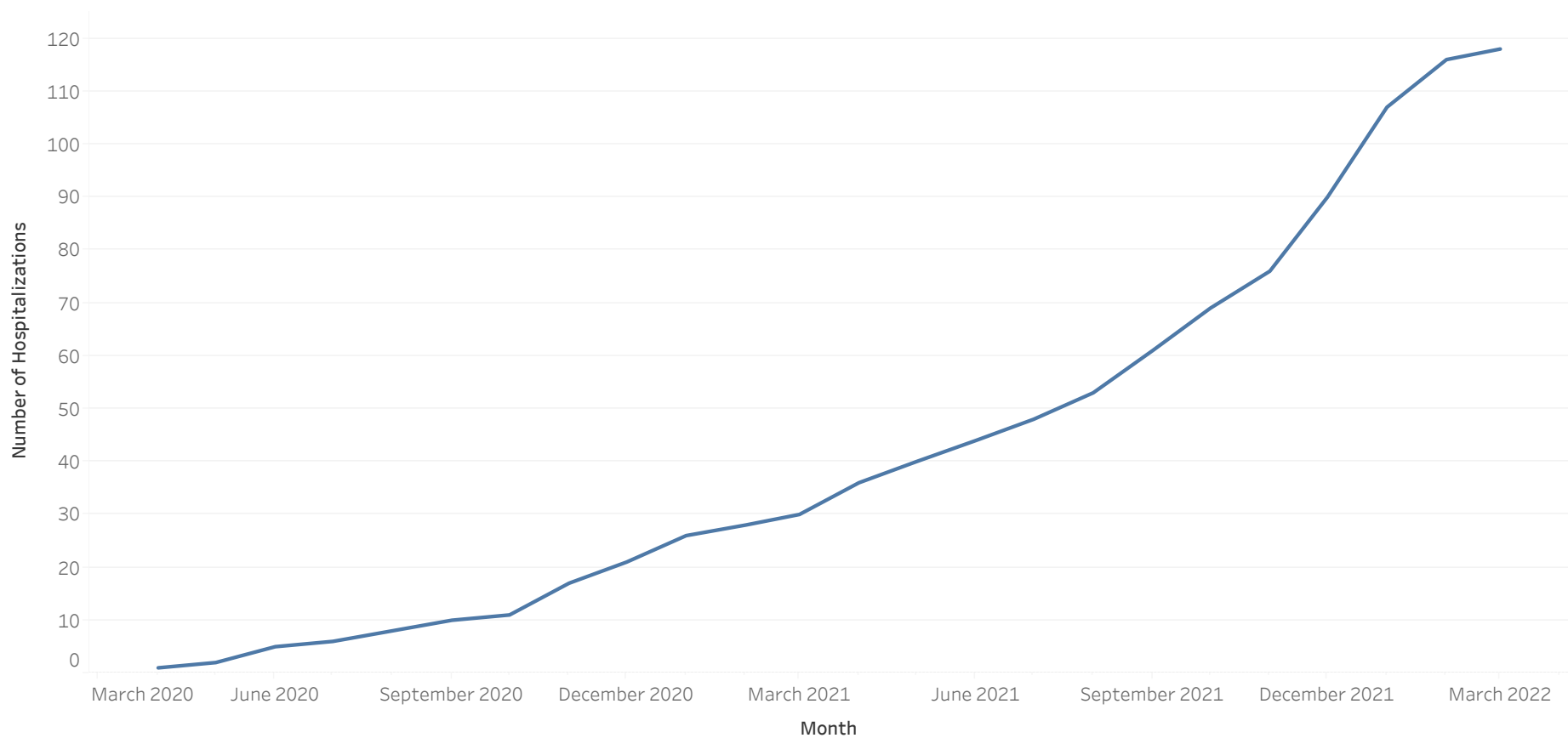
118

Age Breakdown of Hospitalized Youth Cases:

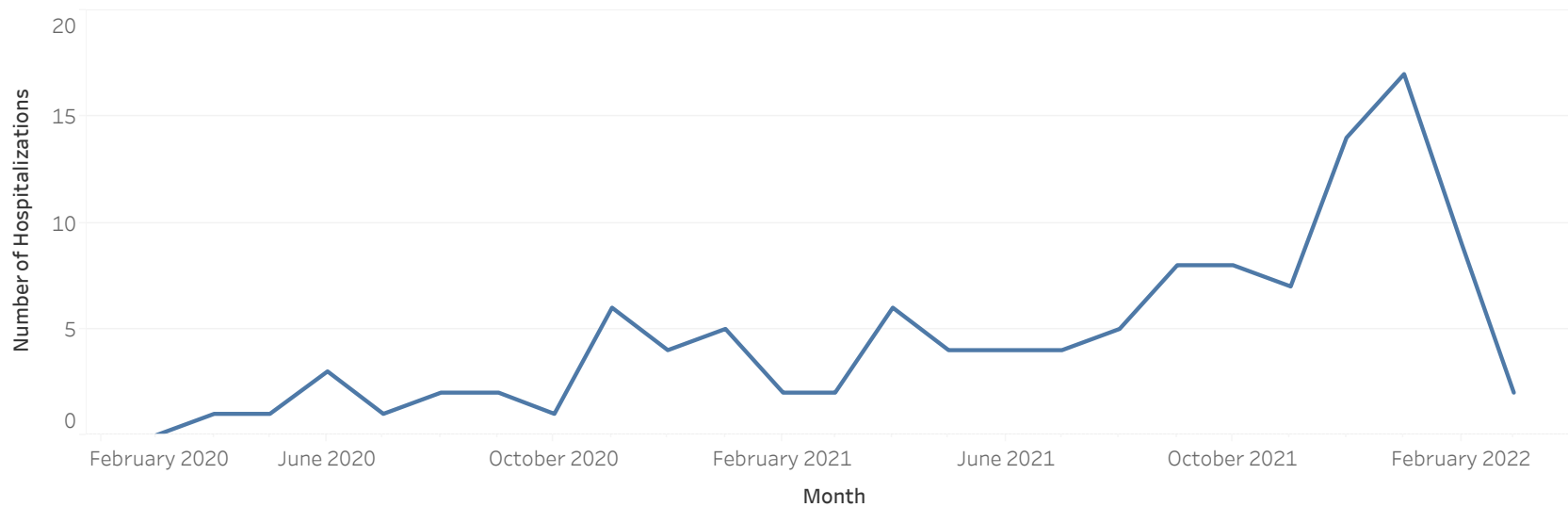
0-4	39.0%
5-9	6.8%
10-14	6.8%
15-19	18.6%
20-24	28.8%

*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOE's were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

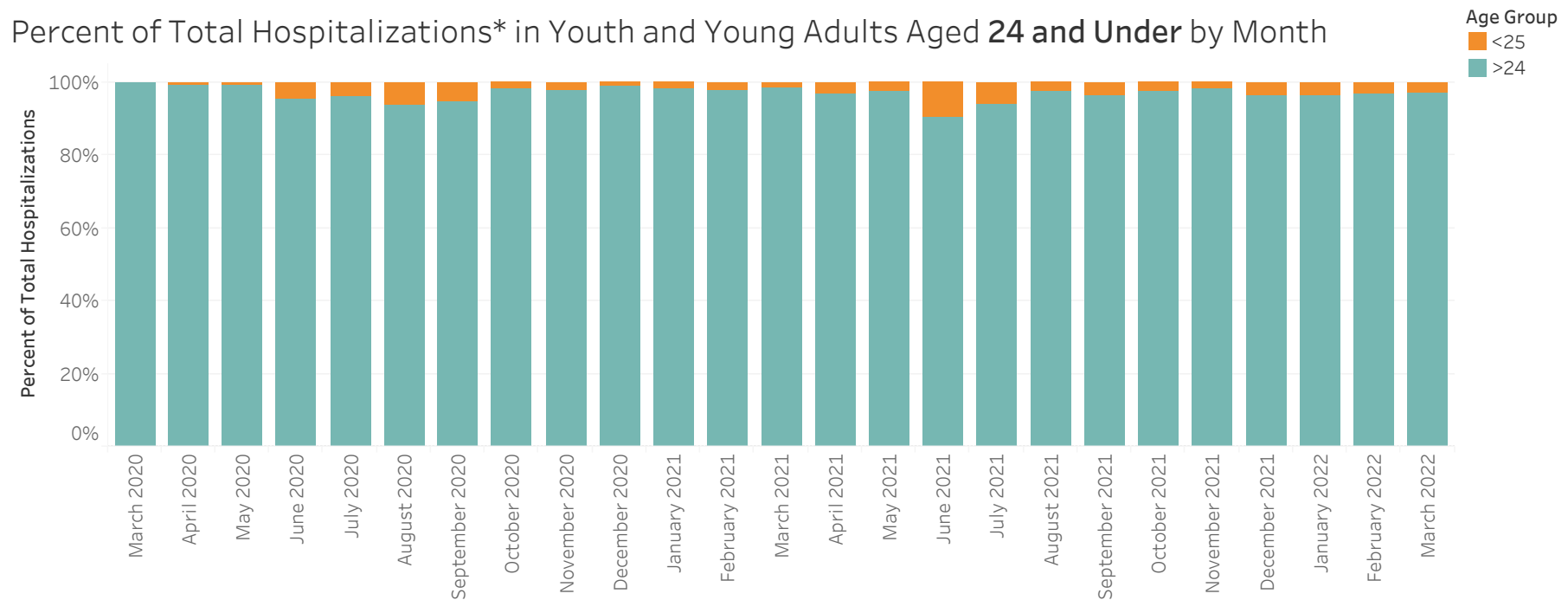
Cumulative Number of Hospitalizations in Youth and Young Adults Aged **24 and Under** Over Time



Number of Hospitalizations* in Youth and Young Adults Aged **24 and Under** by Month

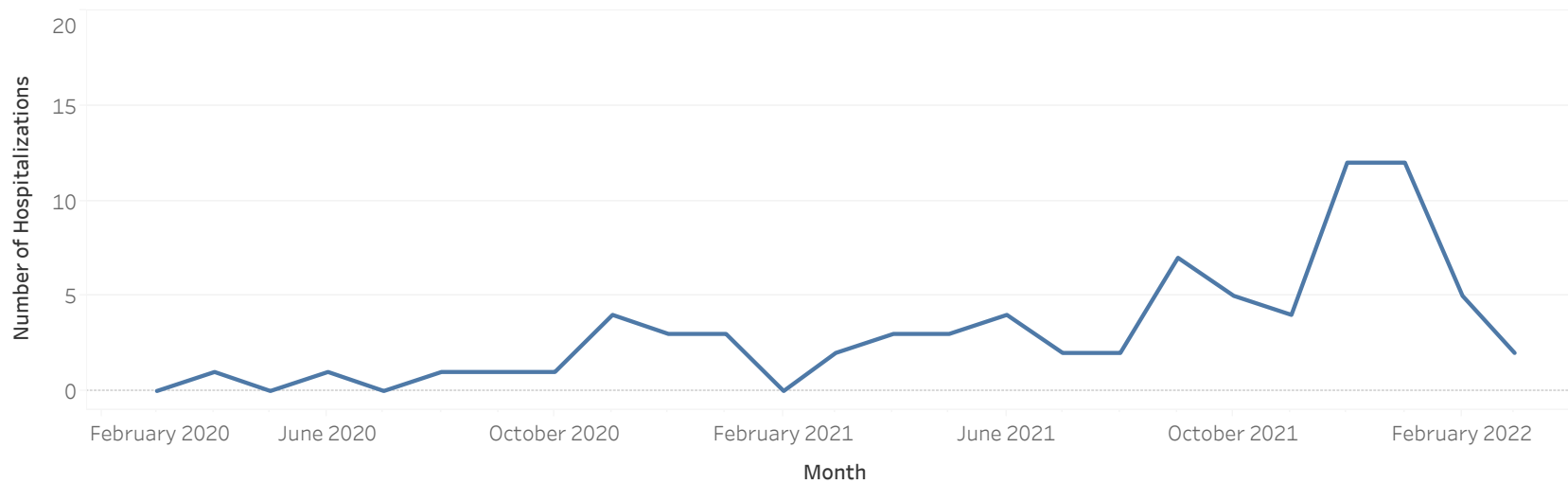


Percent of Total Hospitalizations* in Youth and Young Adults Aged **24 and Under** by Month

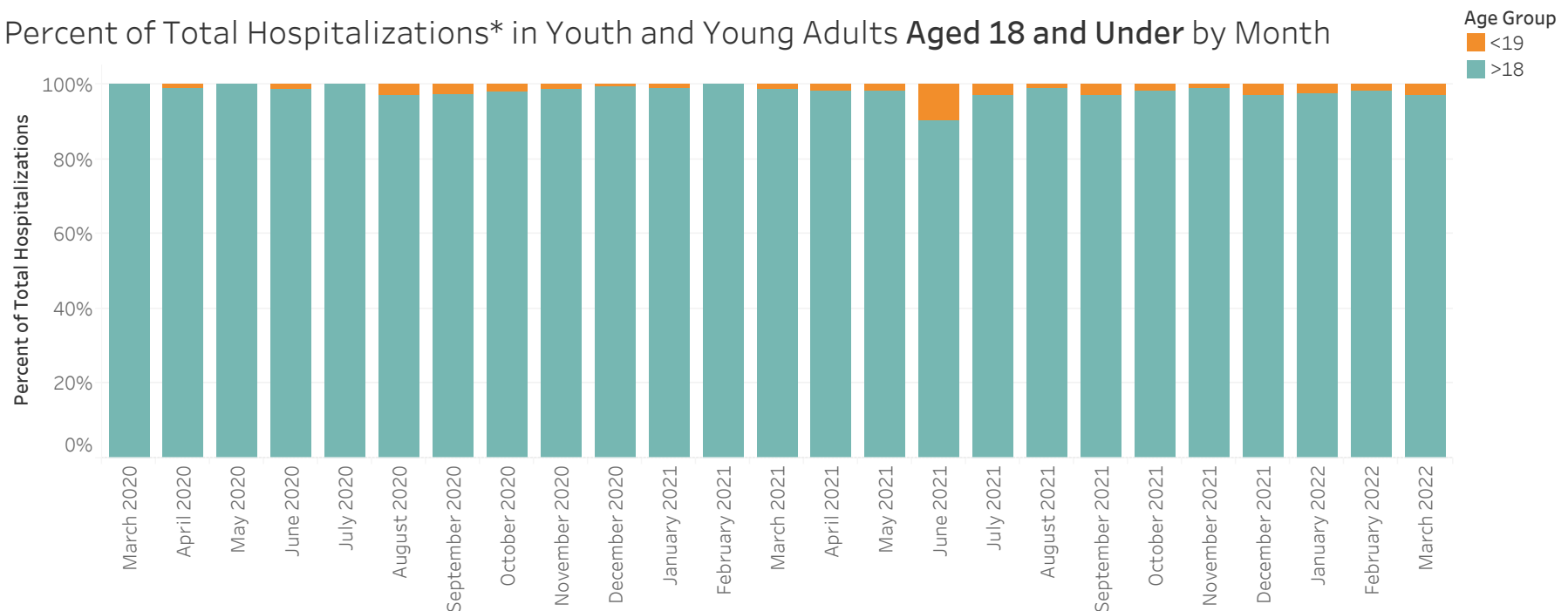


*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOE's were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

Number of Hospitalizations* in Youth and Young Adults Aged **18 and Under** by Month

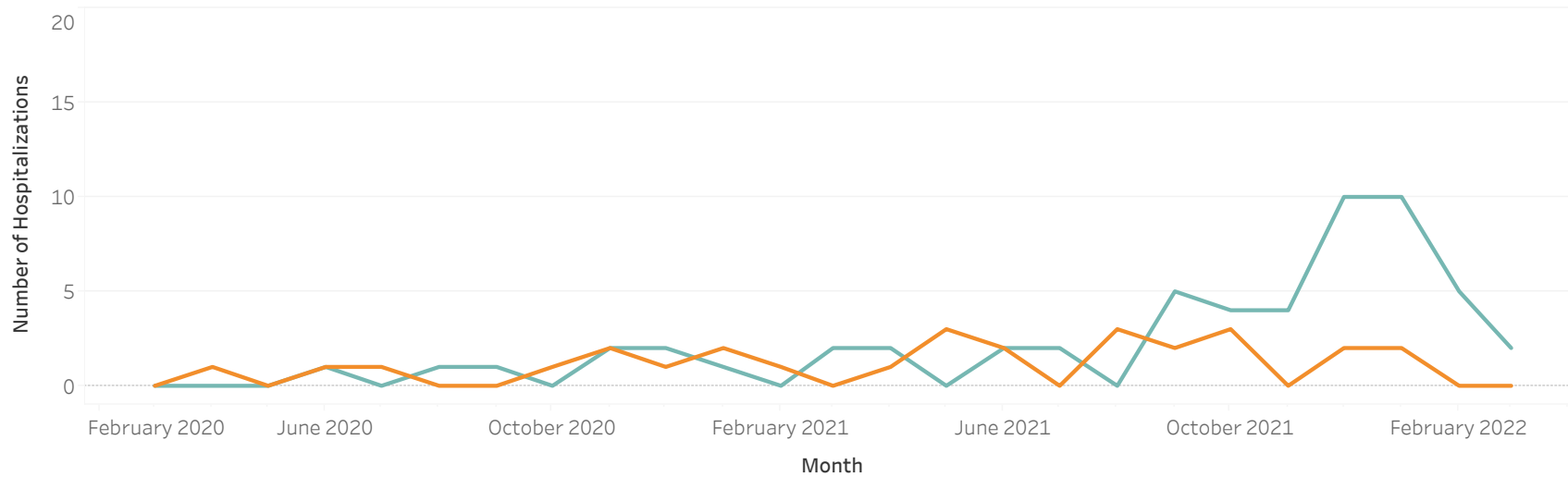


Percent of Total Hospitalizations* in Youth and Young Adults Aged **18 and Under** by Month

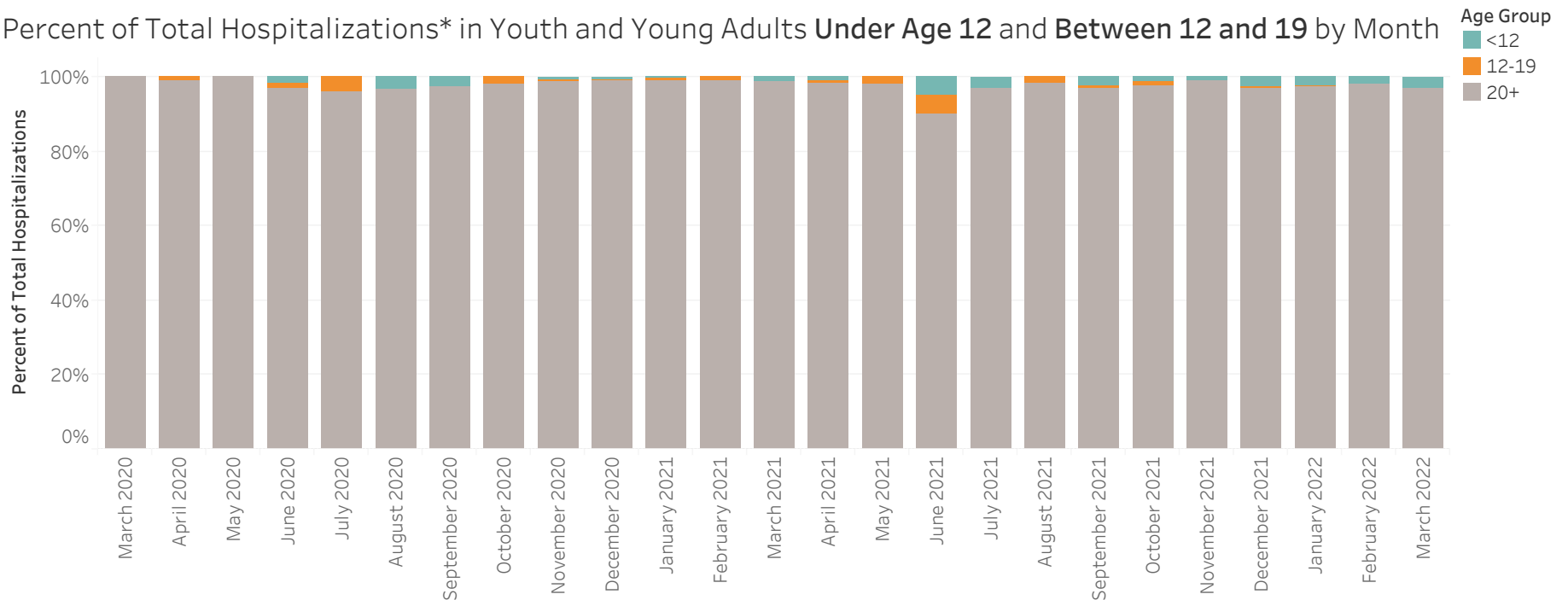


*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOE's were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

Number of Hospitalizations* in Youth and Young Adults **Under Age 12** and **Between 12 and 19** by Month



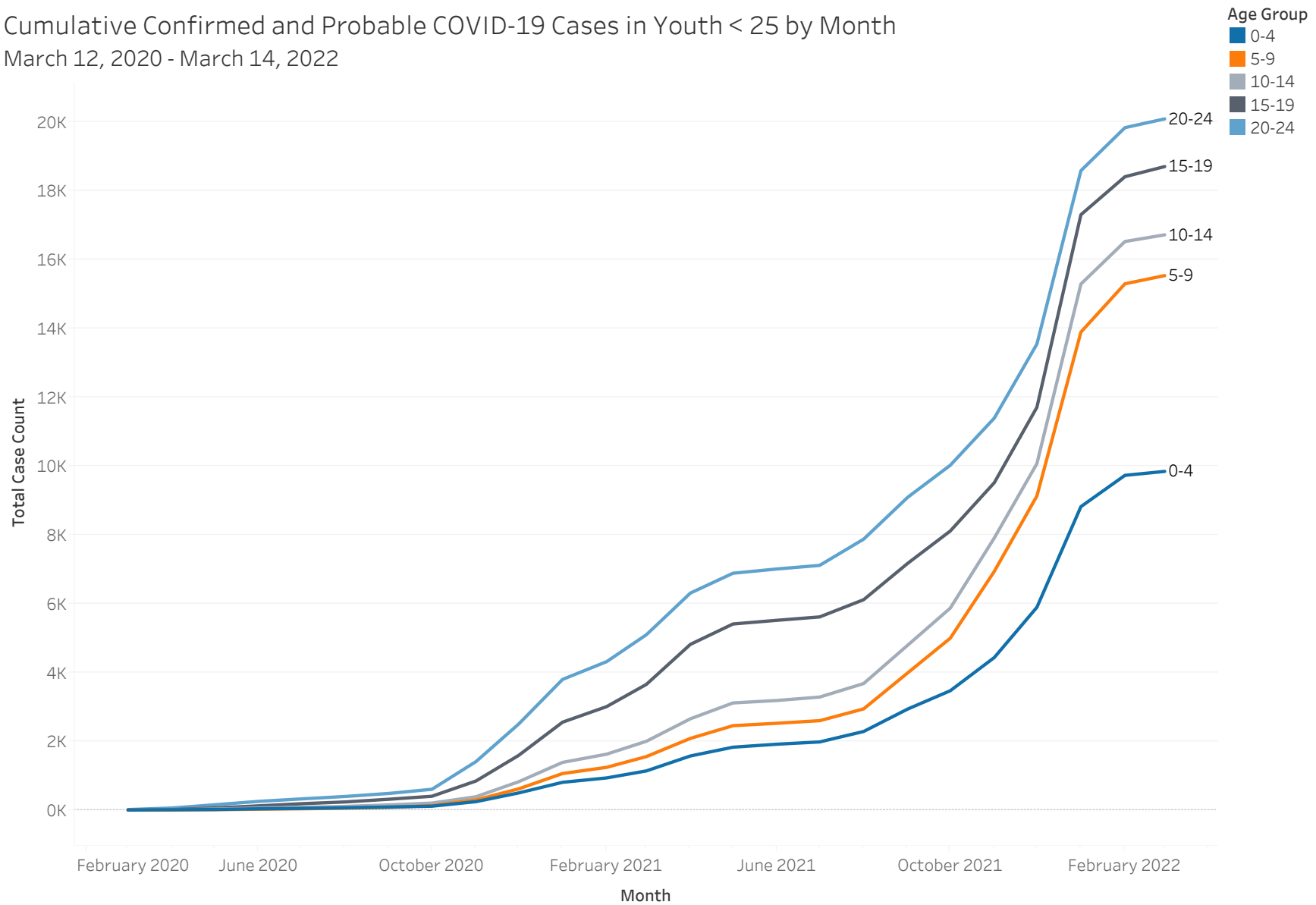
Percent of Total Hospitalizations* in Youth and Young Adults **Under Age 12** and **Between 12 and 19** by Month



*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOE's were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

Cumulative Confirmed and Probable COVID-19 Cases in Youth < 25 by Month

March 12, 2020 - March 14, 2022



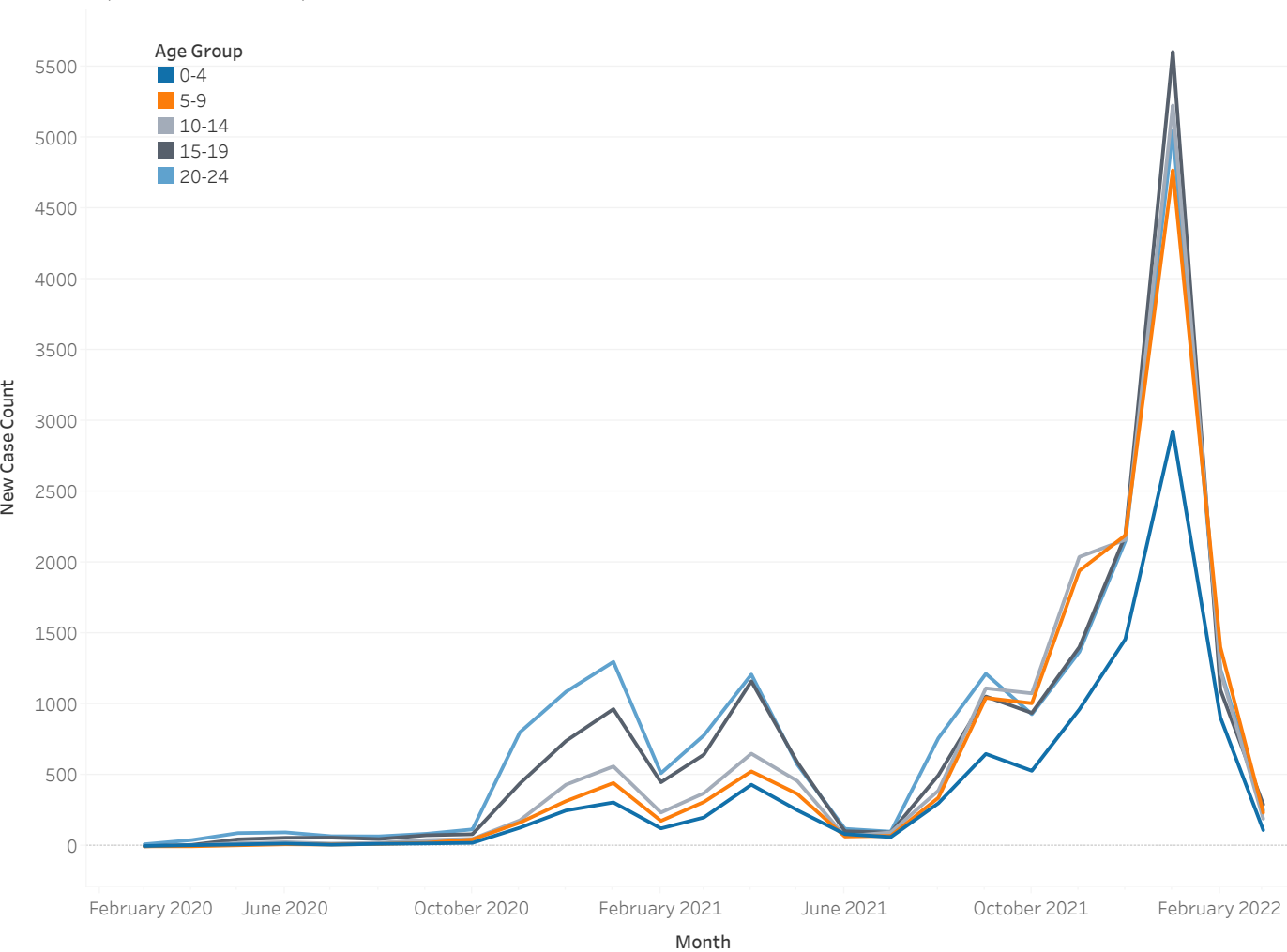
Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

*These are preliminary data that are subject to change.

Caption

The trend of running sum of COVID-19 cases for date reported (month). Color shows details about age group. The view is filtered on Exclusions (age group 25+).

Number of New Confirmed and Probable COVID-19 Cases Each Month in Youth < 25
March 12, 2020 - March 14, 2022

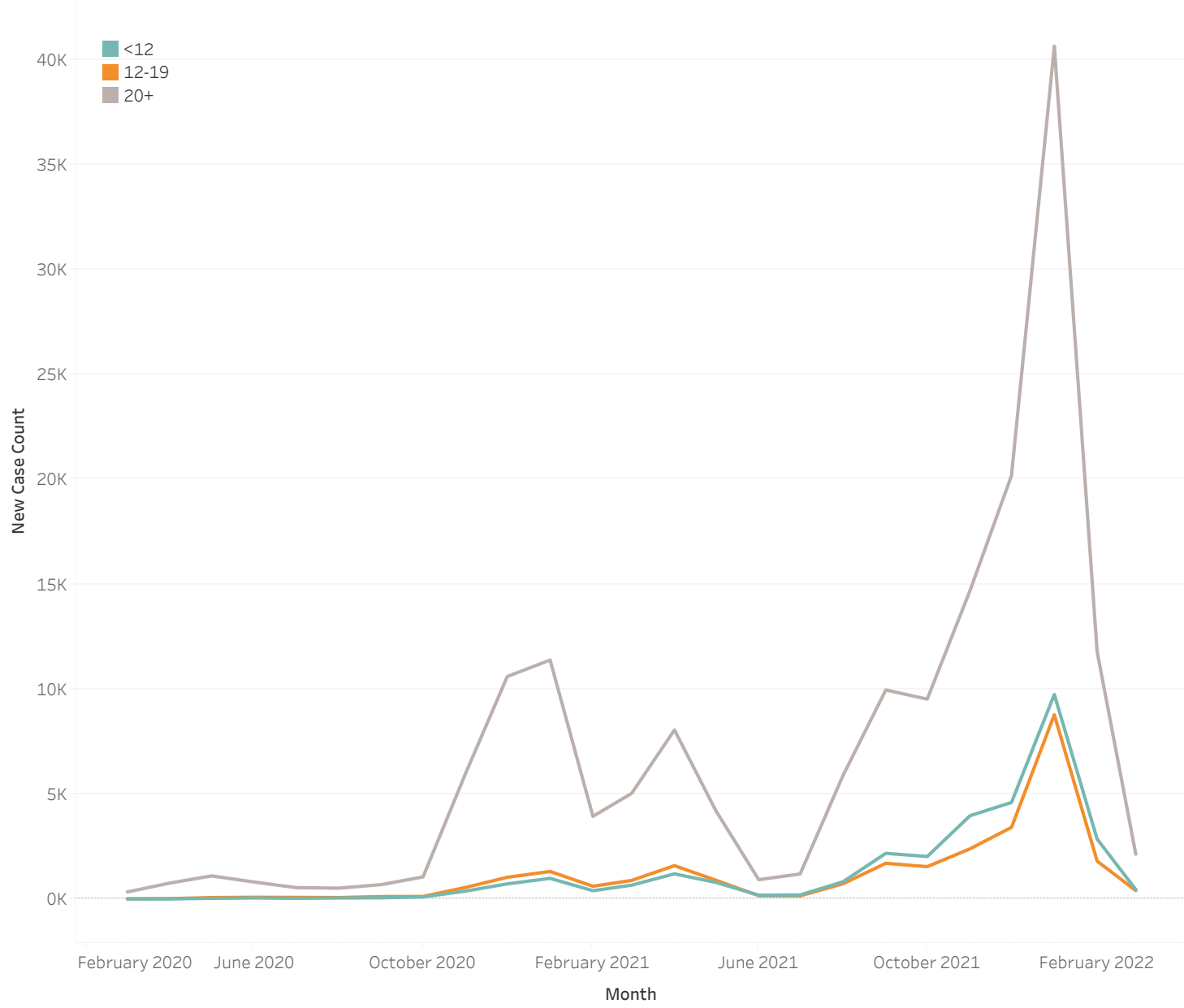


	0-4	5-9	10-14	15-19	20-24
March 2020	3	1	1	1	15
April 2020		1	7	11	45
May 2020	14	8	23	50	94
June 2020	20	15	30	61	99
July 2020	12	13	20	62	72
August 2020	18	17	25	52	71
September 2020	21	25	45	79	89
October 2020	25	49	53	86	120
November 2020	132	168	184	444	805
December 2020	253	319	435	743	1,090
January 2021	310	447	564	968	1,301
February 2021	127	180	239	452	516
March 2021	204	313	375	647	783
April 2021	435	529	654	1,164	1,212
May 2021	255	370	461	593	577
June 2021	87	70	72	107	124
July 2021	66	75	99	98	104
August 2021	304	343	393	501	763
September 2021	652	1,047	1,115	1,057	1,217
October 2021	533	1,009	1,079	941	932
November 2021	966	1,944	2,041	1,405	1,372
December 2021	1,461	2,193	2,162	2,193	2,153
January 2022	2,928	4,767	5,224	5,602	5,044
February 2022	910	1,405	1,236	1,105	1,251
March 2022	115	238	195	295	255

Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

Caption
The trend of count of COVID-19 cases for date reported (month). Color shows details about age group. The view is filtered on Exclusions (age group 25+).

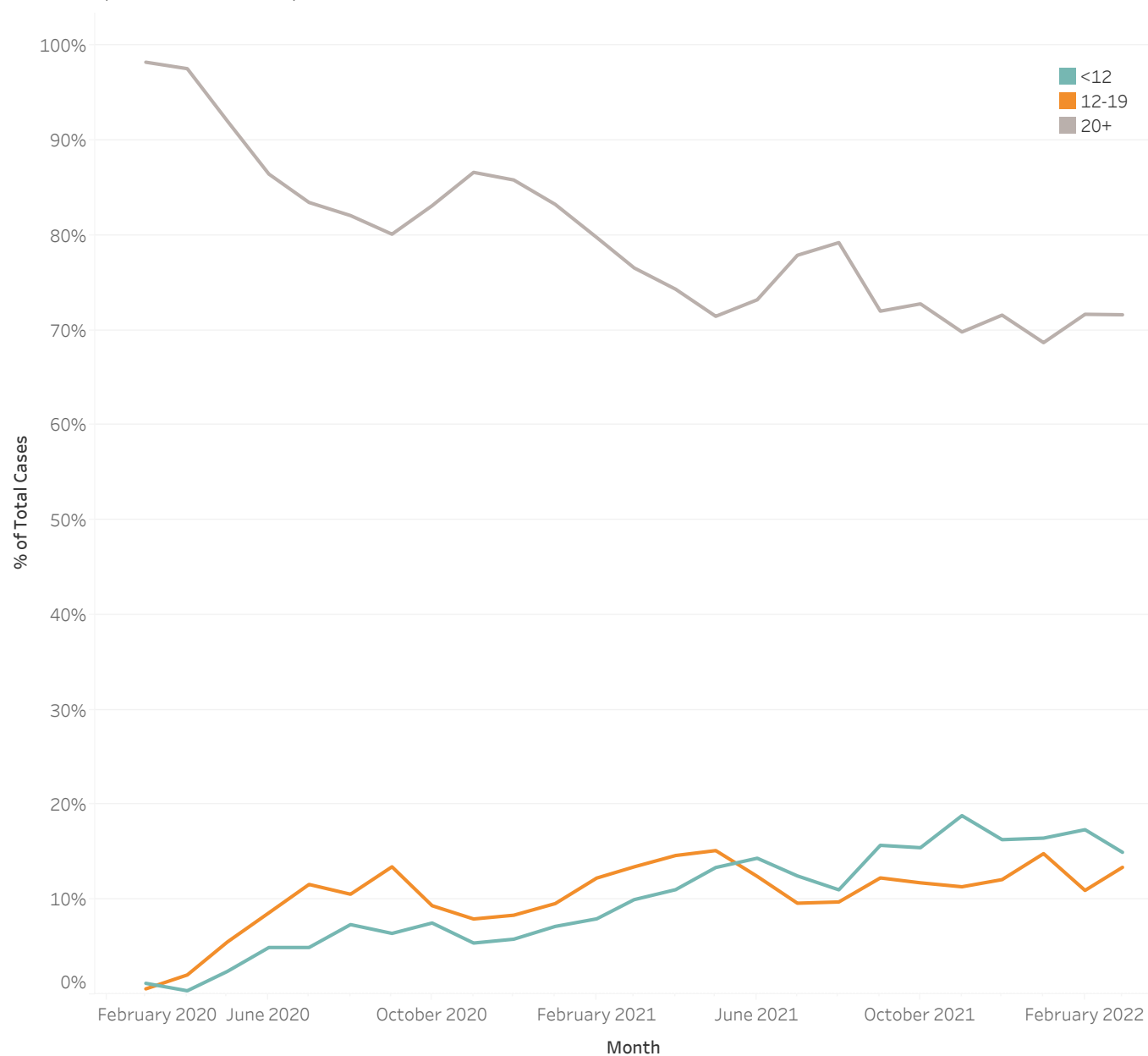
Number of New Confirmed and Probable COVID-19 Cases Each Month in Youth <12
March 12, 2020 - March 14, 2022



	<12	12-19	20+
March 2020	4	2	335
April 2020	3	16	760
May 2020	29	66	1,098
June 2020	46	80	804
July 2020	32	75	540
August 2020	46	66	513
September 2020	55	115	685
October 2020	95	118	1,049
November 2020	376	552	6,014
December 2020	719	1,031	10,600
January 2021	980	1,309	11,384
February 2021	393	605	3,936
March 2021	656	883	5,028
April 2021	1,196	1,586	8,051
May 2021	787	892	4,205
June 2021	180	156	918
July 2021	191	147	1,191
August 2021	818	723	5,878
September 2021	2,173	1,698	9,958
October 2021	2,023	1,539	9,522
November 2021	3,967	2,389	14,700
December 2021	4,598	3,411	20,179
January 2022	9,744	8,777	40,632
February 2022	2,854	1,802	11,782
March 2022	445	398	2,128

March 2022 includes data from March 1-14 only.

Percent of Total COVID-19 Cases in Youth <12 by Month
March 12, 2020 - March 14, 2022

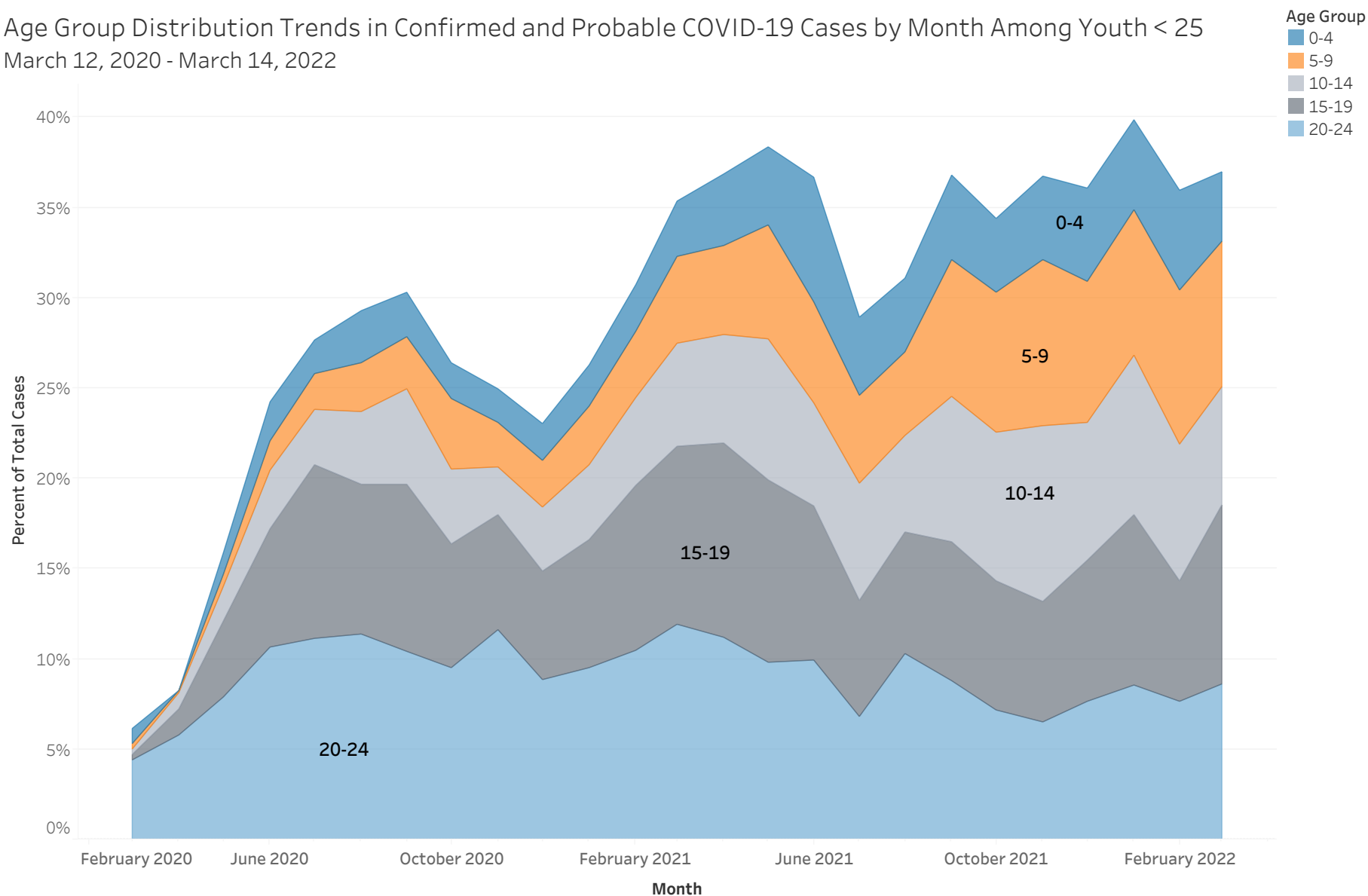


	<12	12-19
March 2020	66.67%	33.33%
April 2020	15.79%	84.21%
May 2020	30.53%	69.47%
June 2020	36.51%	63.49%
July 2020	29.91%	70.09%
August 2020	41.07%	58.93%
September 2020	32.35%	67.65%
October 2020	44.60%	55.40%
November 2020	40.52%	59.48%
December 2020	41.09%	58.91%
January 2021	42.81%	57.19%
February 2021	39.38%	60.62%
March 2021	42.63%	57.37%
April 2021	42.99%	57.01%
May 2021	46.87%	53.13%
June 2021	53.57%	46.43%
July 2021	56.51%	43.49%
August 2021	53.08%	46.92%
September 2021	56.14%	43.86%
October 2021	56.79%	43.21%
November 2021	62.41%	37.59%
December 2021	57.41%	42.59%
January 2022	52.61%	47.39%
February 2022	61.30%	38.70%
March 2022	52.79%	47.21%

March 2022 includes data from March 1-14 only.

Age Group Distribution Trends in Confirmed and Probable COVID-19 Cases by Month Among Youth < 25

March 12, 2020 - March 14, 2022



Click on an age group to highlight the corresponding stack on the graph.

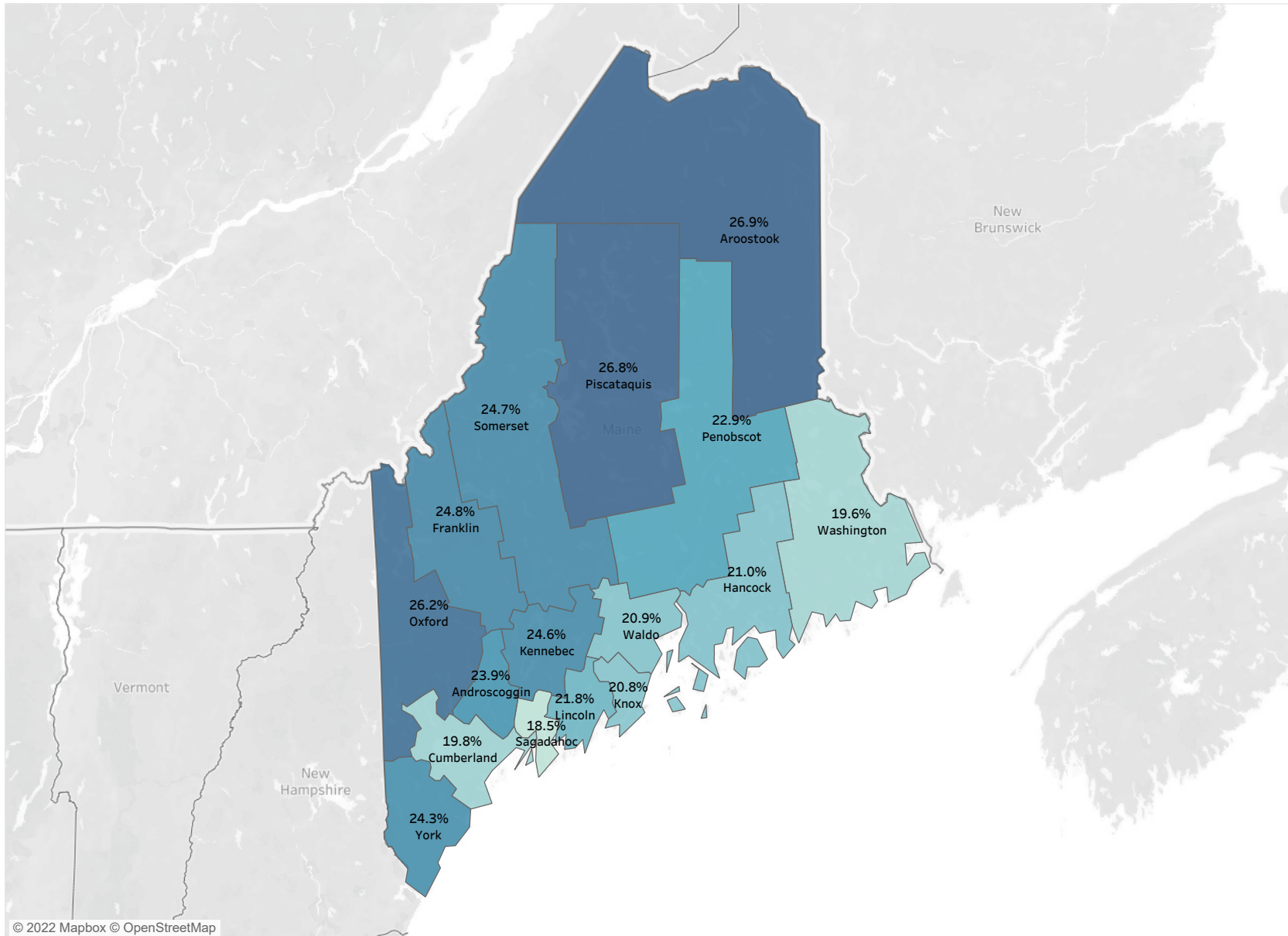
Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
 *These are preliminary data that are subject to change.

Caption

The plot of % of Total Count of COVID-19 cases for date reported (month). Color shows details about age group. The data is filtered, hiding age group 25+.

Confirmed and Probable COVID-19 Youth <25 Case Rate by County

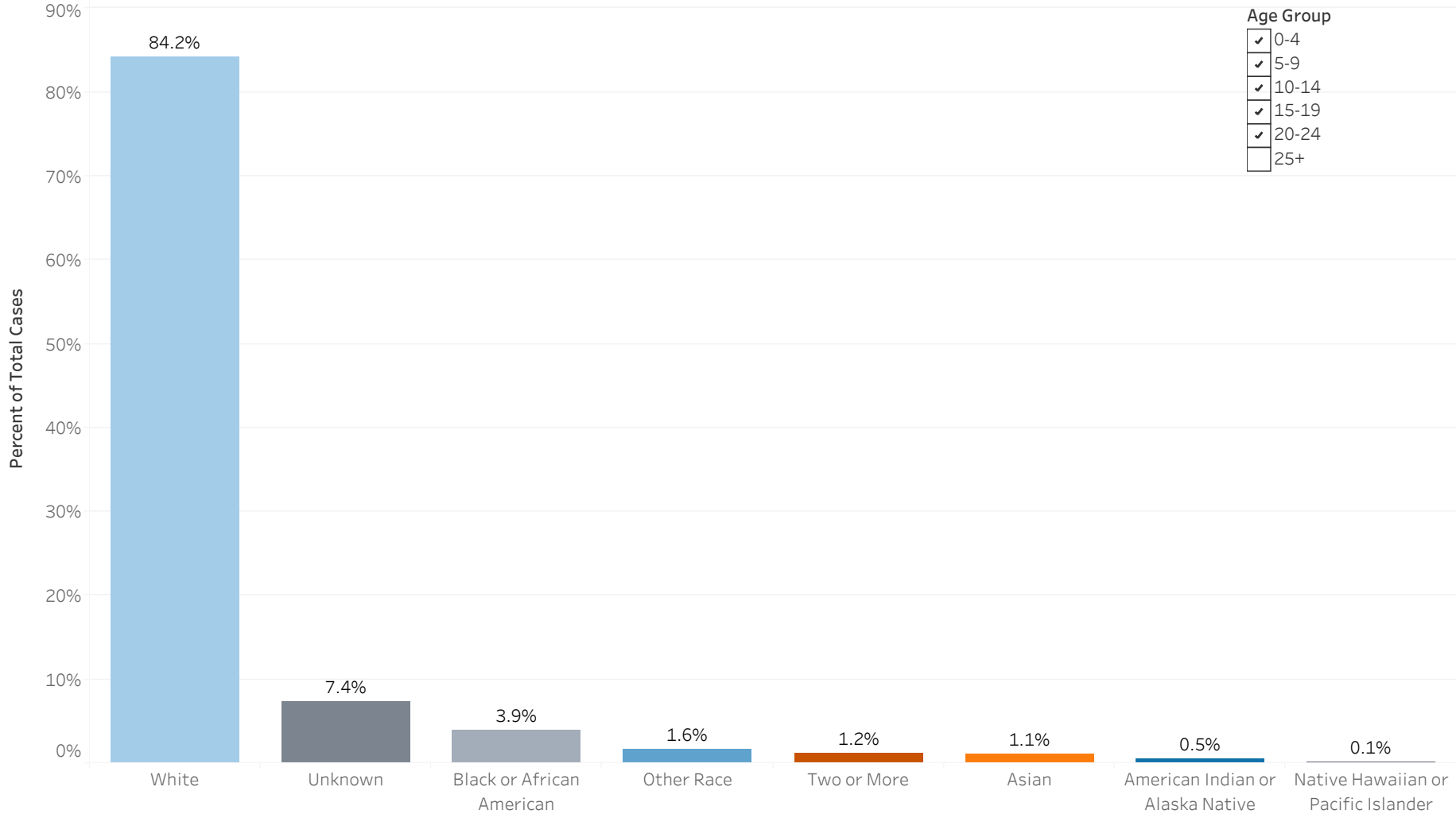
March 12, 2020 - March 14, 2022



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

Race and Ethnicity of Confirmed and Probable COVID-19 Cases Among Youth < 25

March 12, 2020 - March 14, 2022



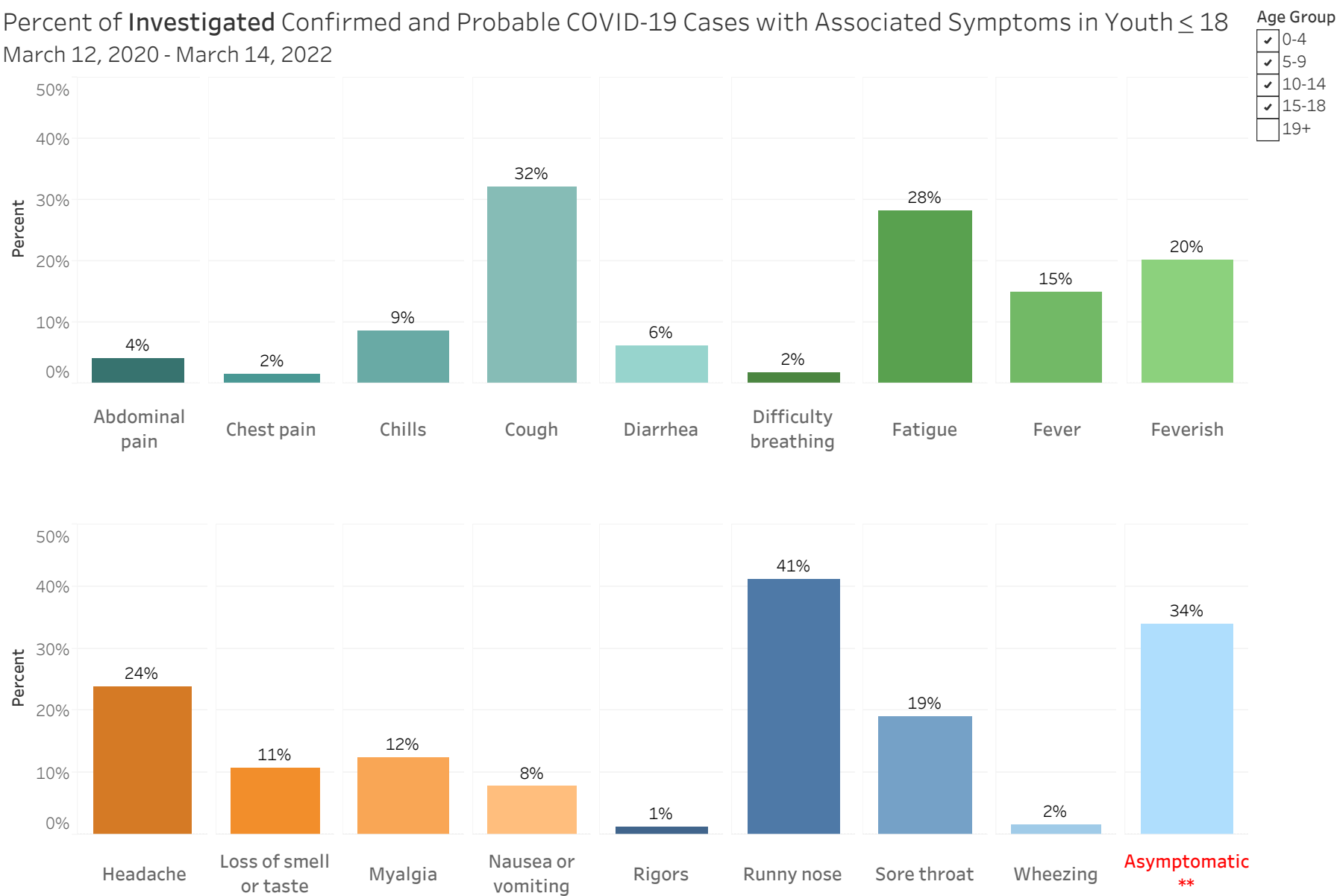
Case counts <6 have been suppressed.
Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

Caption
% of Total Count of COVID-19 cases for each Race. The marks are labeled by % of Total Count of COVID-19 cases. The data is filtered on Age Group and Suppress. The Age Group filter keeps selected age group. The Suppress filter keeps case counts ≥6.

Patient Ethnicity Description	
Hispanic or Latino	2%
Not Hispanic or Latino	62%
unknown	36%

Percent of **Investigated** Confirmed and Probable COVID-19 Cases with Associated Symptoms in Youth ≤ 18

March 12, 2020 - March 14, 2022



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

*These are preliminary data that are subject to change.

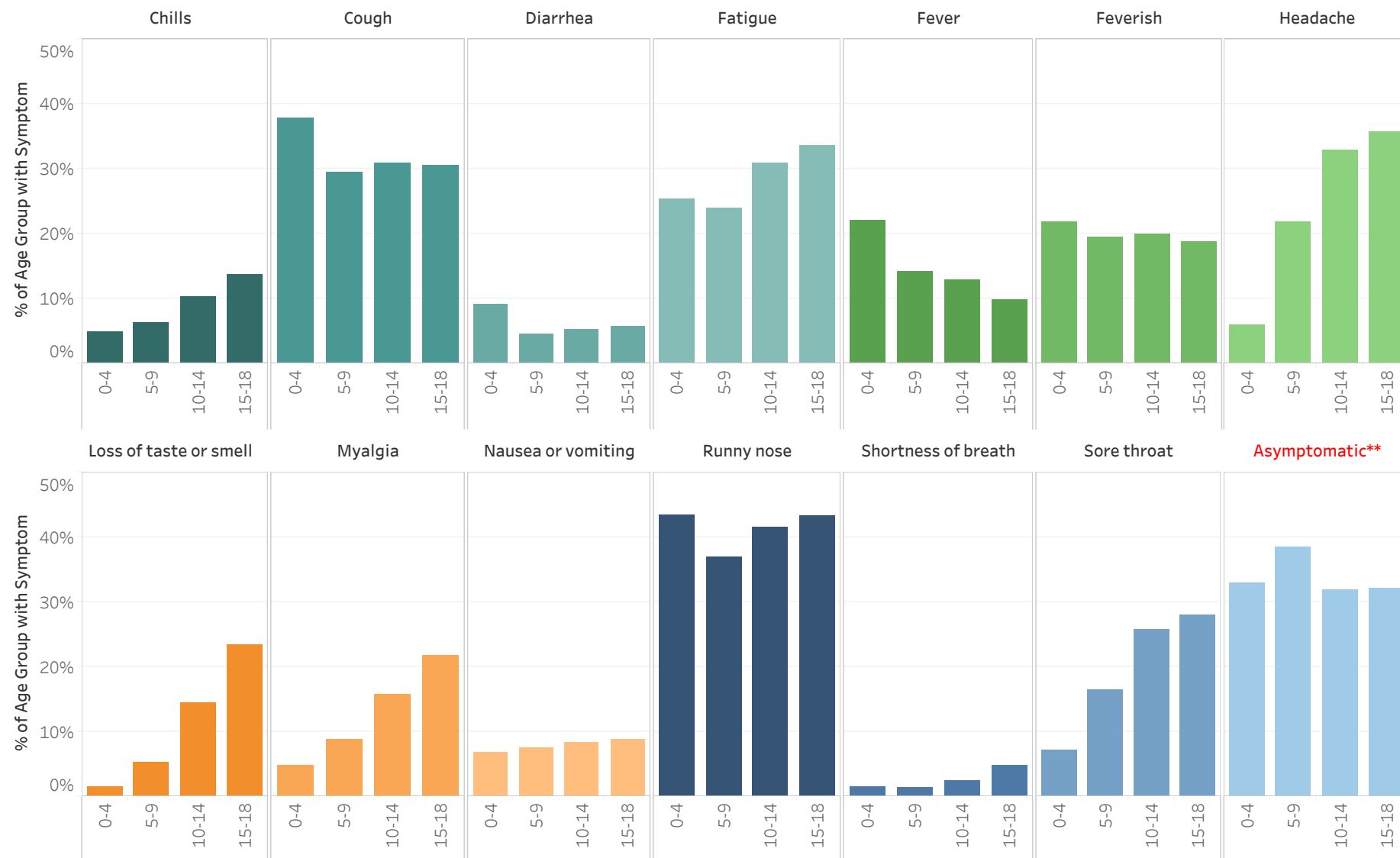
Note: After November 15, 2020, complete case investigations were only done for cases age 18 and under. Therefore, symptom data is incomplete for cases over age 18.

**These data are from the initial case investigation. Cases may have developed symptoms after the case investigation call.

Caption: % of Count of COVID-19 cases for each symptom. The marks are labeled by % of Count of COVID-19 cases who experienced each symptom. The data is filtered on age group. The Age Group filter allows the user to select an age group.

Percent of **Investigated** Confirmed and Probable COVID-19 Cases with Associated Symptoms by Age Group ≤ 18

March 12, 2020 - March 14, 2022



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

*These are preliminary data that are subject to change.

Note: After November 15, 2020, complete case investigations were only done for cases age 18 and under. Therefore, symptom data is incomplete for cases over age 18.

**These data are from the initial case investigation. Cases may have developed symptoms after the case investigation call.

Caption: % of Count of COVID-19 cases in each age group for each symptom.

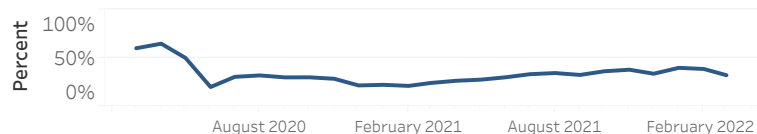
Symptom Trends in Investigated Confirmed and Probable COVID-19 Cases ≤ 18

March 12, 2020 - March 14, 2022

Age Group(s)

- ☒ 0-4
- ☒ 5-9
- ☒ 10-14
- ☒ 15-18
- ☐ 19+

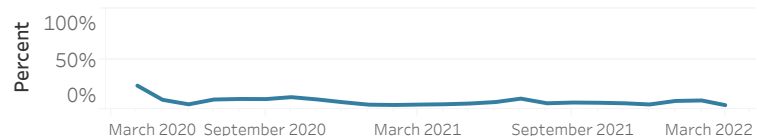
Cough



Myalgia



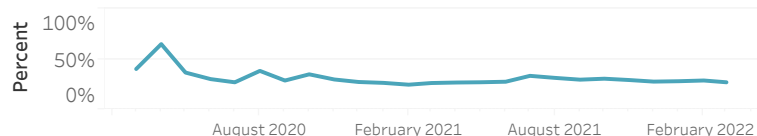
Diarrhea



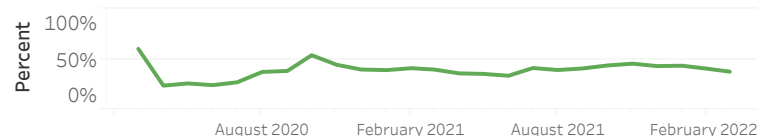
Nausea or Vomiting



Fatigue



Runny Nose



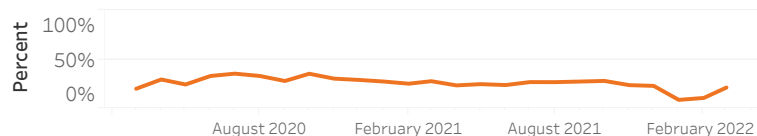
Fever



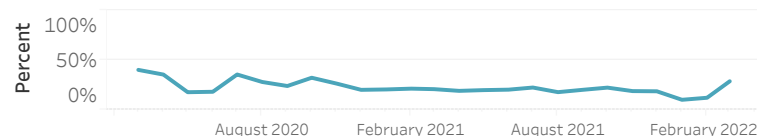
Shortness of Breath



Headache



Sore Throat



Loss of Taste or Smell



Asymptomatic**



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

*These are preliminary data that are subject to change.

Note: After November 15, 2020, complete case investigations were only done for cases age 18 and under. Therefore, symptom data is incomplete for cases over age 18.

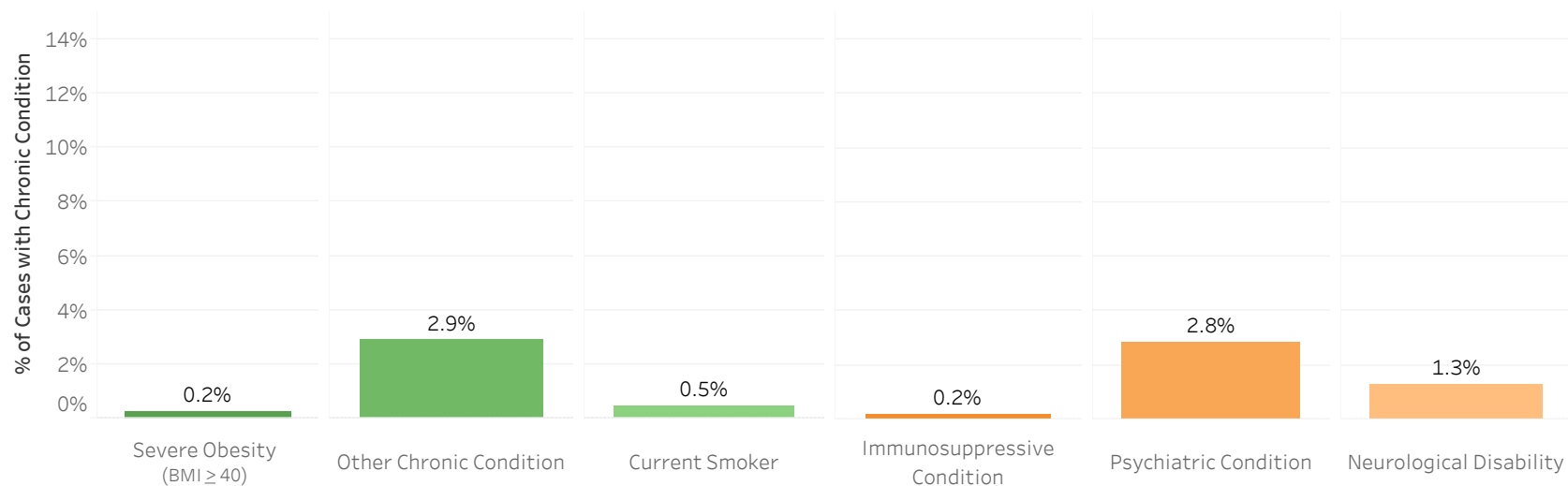
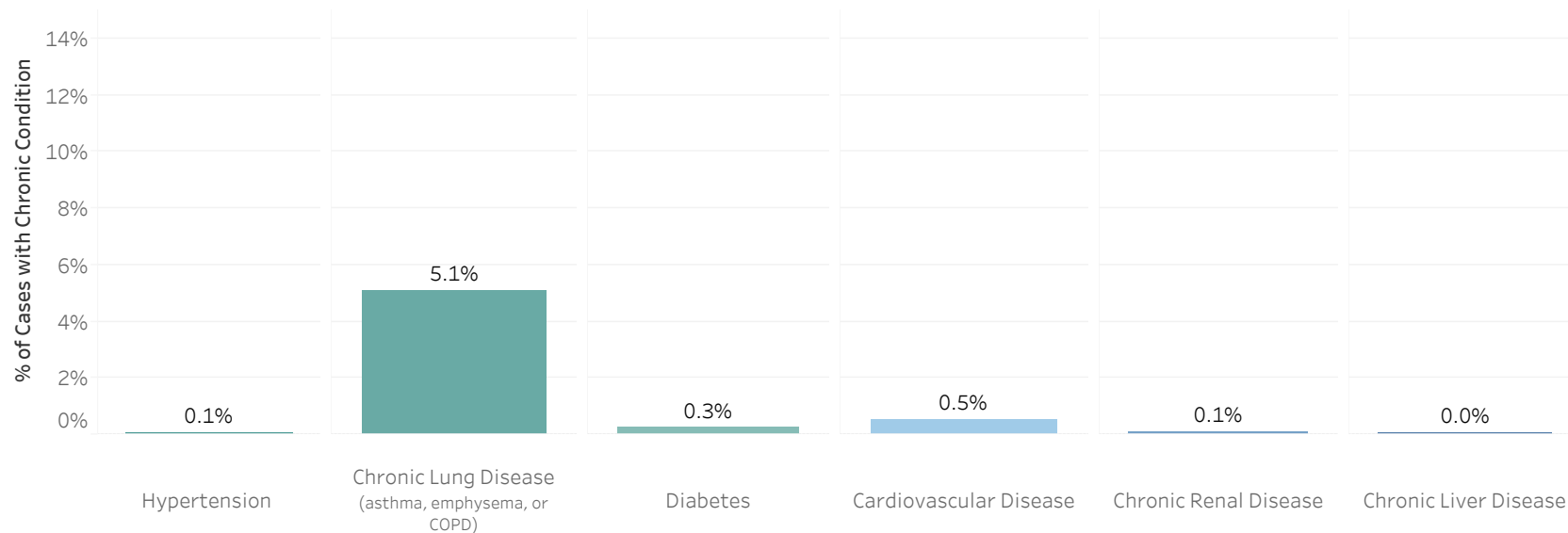
**These data are from the initial case investigation. Cases may have developed symptoms after the case investigation call.

Caption: The trend of % of Count of COVID-19 cases with each symptom for date reported (month).

Percent of **Investigated** Confirmed and Probable COVID-19 Cases ≤ 18 with Selected Chronic Conditions

March 12, 2020 - March 14, 2022

Age Group(s)
☒ 0-9
☒ 10-18
☐ 19+



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)**

**These are preliminary data that are subject to change.

Caption: % of Count of COVID-19 cases for each chronic condition. The marks are labeled by % of Count of COVID-19 cases.